

10027906\_CLS  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10027906 on March 16, 2005

Original Classifications

6 372/45  
3 372/46  
3 372/50  
2 359/248  
2 385/130  
2 385/132  
2 438/43

Cross-Reference Classifications

4 257/98  
4 372/45  
4 372/46  
4 372/50  
4 385/141  
3 372/48  
3 372/96  
3 385/144  
2 257/80  
2 257/84  
2 257/88  
2 372/44  
2 385/130  
2 385/14  
2 385/40

Combined Classifications

10 372/45  
7 372/46  
7 372/50  
4 257/98  
4 372/96  
4 385/130  
4 385/141  
3 372/48  
3 385/14  
3 385/144  
3 438/43  
2 257/80  
2 257/84  
2 257/88  
2 359/248  
2 372/44  
2 385/123

385/130, 132

✓  
385/9, 14 ✓

359/333

359/245 ✓

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10027906\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10027906 on March 16, 2005

10	372/45	(6 OR, 4 XR)
	Class 372 :	COHERENT LIGHT GENERATORS
	372/39	PARTICULAR ACTIVE MEDIA
	372/43	.Semiconductor
	372/44	..Injection
	372/45	...Particular confinement layer
7	372/46	(3 OR, 4 XR)
	Class 372 :	COHERENT LIGHT GENERATORS
	372/39	PARTICULAR ACTIVE MEDIA
	372/43	.Semiconductor
	372/44	..Injection
	372/46	...Particular current control structure
7	372/50	(3 OR, 4 XR)
	Class 372 :	COHERENT LIGHT GENERATORS
	372/39	PARTICULAR ACTIVE MEDIA
	372/43	.Semiconductor
	372/44	..Injection
	372/50	...Monolithic integrated
4	257/98	(0 OR, 4 XR)
	Class 257 :	ACTIVE SOLID-STATE DEVICES
	257/79	INCOHERENT LIGHT EMITTER STRUCTURE
	257/98	.With reflector, opaque mask, or optical
f		element (e.g., lens, optical fiber, index o
refraction		matching layer, luminescent material layer,
filter)		integral with device or device enclosure or
package		
4	372/96	(1 OR, 3 XR)
	Class 372 :	COHERENT LIGHT GENERATORS
	372/92	PARTICULAR RESONANT CAVITY
	372/96	.Distributed feedback
4	385/130	(2 OR, 2 XR)
	Class 385 :	OPTICAL WAVEGUIDES
	385/129	PLANAR OPTICAL WAVEGUIDE
	385/130	.Thin film optical waveguide
4	385/141	(0 OR, 4 XR)

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 Class 385 : OPTICAL WAVEGUIDES  
 385/141 HAVING PARTICULAR OPTICAL CHARACTERISTIC  
 MODIFYING CHEMICAL COMPOSITION

3 372/48 (0 OR, 3 XR)  
 Class 372 : COHERENT LIGHT GENERATORS  
 372/39 PARTICULAR ACTIVE MEDIA  
 372/43 .Semiconductor  
 372/44 ..Injection  
 372/46 ...Particular current control structure  
 372/48 ....Channeled substrate

3 385/14 (1 OR, 2 XR)  
 Class 385 : OPTICAL WAVEGUIDES  
 385/14 INTEGRATED OPTICAL CIRCUIT

3 385/144 (0 OR, 3 XR)  
 Class 385 : OPTICAL WAVEGUIDES  
 385/141 HAVING PARTICULAR OPTICAL CHARACTERISTIC  
 MODIFYING CHEMICAL COMPOSITION  
 385/144 .Of waveguide cladding

3 438/43 (2 OR, 1 XR)  
 Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS  
 438/22 MAKING DEVICE OR CIRCUIT EMISSIVE OF  
 NONELECTRICAL SIGNAL  
 438/42 .Groove formation  
 438/43 ..Tapered etching

2 257/80 (0 OR, 2 XR)  
 Class 257 : ACTIVE SOLID-STATE DEVICES  
 257/79 INCOHERENT LIGHT EMITTER STRUCTURE  
 257/80 .In combination with or also constituting ligh  
 t responsive device

2 257/84 (0 OR, 2 XR)  
 Class 257 : ACTIVE SOLID-STATE DEVICES  
 257/79 INCOHERENT LIGHT EMITTER STRUCTURE  
 257/80 .In combination with or also constituting ligh  
 t responsive device  
 257/84 ..Combined in integrated structure

2 257/88 (0 OR, 2 XR)  
 Class 257 : ACTIVE SOLID-STATE DEVICES  
 257/79 INCOHERENT LIGHT EMITTER STRUCTURE

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257/88                    .Plural light emitting devices (e.g., matrix,  
                             7-segment array)

2   359/248                (2 OR, 0 XR)  
      Class   359 :   OPTICS:   SYSTEMS  
      359/237               OPTICAL MODULATOR  
      359/238               .Light wave temporal modulation (e.g.,  
                              frequency, amplitude, etc.)  
      359/240               ..Changing bulk optical parameter  
      359/245               ...Electro-optic  
      359/246               ....Modulation of polarized light via  
                              modulating input signal  
      359/247               .....Using reflective or cavity structure  
      359/248               .....Semiconductor

2   372/44                (0 OR, 2 XR)  
      Class   372 :   COHERENT LIGHT GENERATORS  
      372/39                PARTICULAR ACTIVE MEDIA  
      372/43                .Semiconductor  
      372/44                ..Injection

2   385/123               (1 OR, 1 XR)  
      Class   385 :   OPTICAL WAVEGUIDES  
      385/123               OPTICAL FIBER WAVEGUIDE WITH CLADDING

2   385/129               (1 OR, 1 XR)  
      Class   385 :   OPTICAL WAVEGUIDES  
      385/129               PLANAR OPTICAL WAVEGUIDE

2   385/132               (2 OR, 0 XR)  
      Class   385 :   OPTICAL WAVEGUIDES  
      385/129               PLANAR OPTICAL WAVEGUIDE  
      385/130               .Thin film optical waveguide  
      385/132               ..Channel waveguide

2   385/142               (1 OR, 1 XR)  
      Class   385 :   OPTICAL WAVEGUIDES  
      385/141               HAVING PARTICULAR OPTICAL CHARACTERISTIC  
                              MODIFYING CHEMICAL COMPOSITION  
      385/142               .Of waveguide core

2   385/16                (1 OR, 1 XR)  
      Class   385 :   OPTICAL WAVEGUIDES  
      385/15                WITH OPTICAL COUPLER  
      385/16                .Switch (i.e., switching from one terminal to  
                              another, not modulation)

2   385/2                (1 OR, 1 XR)

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                                10027906_CLSTITLES
Class    385 : OPTICAL WAVEGUIDES
385/1    TEMPORAL OPTICAL MODULATION WITHIN AN OPTICAL
          WAVEGUIDE
385/2    .Electro-optic

2  385/33    (1 OR, 1 XR)
Class    385 : OPTICAL WAVEGUIDES
385/15    WITH OPTICAL COUPLER
385/31    .Input/output coupler
385/33    ..Lens

2  385/40    (0 OR, 2 XR)
Class    385 : OPTICAL WAVEGUIDES
385/15    WITH OPTICAL COUPLER
385/39    .Particular coupling structure
385/40    ..Electrodes on or near the coupling region

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2 385/129  
2 385/132  
2 385/142  
2 385/16  
2 385/2  
2 385/33  
2 385/40

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5778112  
5780875  
5793790  
5940423  
5995270  
4243399  
4370021  
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4484794  
4493530  
4592061  
4632709  
4768860  
4788161  
4788689  
4815087  
4843609  
4856859  
4865417  
4871221  
4884858  
4885753  
4890292  
4900112  
4978188  
4983541  
5008547  
5013129  
5064266  
5193761  
5206185  
5210814  
5269825  
5276753  
5299218  
5309472  
5335306  
5369718  
5408569  
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